

Title (en)

PROCESSES AND SYSTEMS FOR GENERATING GLYCEROL ETHERS THROUGH TRANSEETHERIFICATION

Title (de)

VERFAHREN UND SYSTEME ZUR ERZEUGUNG VON GLYCERINETHERN DURCH TRANSVERETHERUNG

Title (fr)

PROCÉDÉS ET SYSTÈMES DE PRODUCTION D'ÉTHERS DE GLYCÉROL PAR TRANSÉTHÉRIFICATION

Publication

EP 3119740 A1 20170125 (EN)

Application

EP 15714945 A 20150317

Priority

- US 201461954686 P 20140318
- IB 2015051952 W 20150317

Abstract (en)

[origin: WO2015140714A1] A process of generating a glycerol ether is provided. The process includes reacting isobutylene with an alcohol to obtain a tertiary alkyl ether through an etherification reaction and generating a glycerol ether from the tertiary alkyl ether and glycerol through a transeetherification reaction, A system for generating a glycerol ether is also provided.

IPC 8 full level

C07C 41/06 (2006.01); **C07C 41/14** (2006.01); **C07C 43/04** (2006.01); **C07C 43/10** (2006.01)

CPC (source: CN EP US)

B01J 19/245 (2013.01 - US); **C07C 7/10** (2013.01 - US); **C07C 41/06** (2013.01 - CN EP US); **C07C 41/14** (2013.01 - CN EP US); **C07C 41/50** (2013.01 - US); **C07C 41/54** (2013.01 - US); **C07C 41/60** (2013.01 - US); **C10L 1/026** (2013.01 - US); **B01J 2219/24** (2013.01 - US); **C10L 2200/0476** (2013.01 - US)

Citation (search report)

See references of WO 2015140714A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2015140714 A1 20150924; CN 106103397 A 20161109; EP 3119740 A1 20170125; US 2017088496 A1 20170330

DOCDB simple family (application)

IB 2015051952 W 20150317; CN 201580014075 A 20150317; EP 15714945 A 20150317; US 201515126710 A 20150317